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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/780,903	02/09/2001	James K. Hawley	M 6678 HAMC	3930

423 7590 05/24/2002

HENKEL CORPORATION
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EXAMINER

TRAN, KHOA H

ART UNIT	PAPER NUMBER
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3634

DATE MAILED: 05/24/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/780,903

Applicant(s)

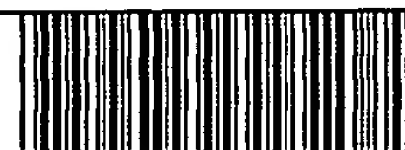
HAWLEY

Examiner

Khoa Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Mar 14, 2002
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☒ The proposed drawing correction filed on Mar 14, 2002 is: a) ☒ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- *See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

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Drawings

The proposed drawing correction and/or the proposed substitute sheets of drawings, filed on March 14, 2002 have been approved. However, the drawings are objected to because the changes of reference numeral "8" in Figures 5 and 6 are not mentioned in the description. Further, the drawings are objected to because reference numerals "3" have been used repeatedly to identify more than one element, see Figures 3 and 5-7. It should be noted that the plastic webs of each Figures, reference by numeral "3", are structurally different from each other and therefore they constitute as "different" elements and they cannot share the same reference numeral.

Applicant is required to submit a proposed drawing correction in reply to this Office action. However, formal correction of the noted defect can be deferred until the application is allowed by the examiner.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Warp in view of Miles et al. and Callas. Warp discloses a flexible plastic sheet liner (20) comprising a base having a flat bottom (24) and a plurality of round or pointed triangular ridges (28) on top of the

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base. See Figures 2 and 3. Warp does not specifically disclose the bottom of the liner being a non-skid and non-curling base and Warp does not teach the ridges being harder and which provides a low friction than the bottom. However, Miles et al. teach the liner (20) having ridges that are harder and which provides a low friction than the bottom, wherein the bottom liner of Miles et al. is sufficiently soft and non-skid. See column 3, lines 31-41 and column 4, lines 9-34. It would have been obvious to one of ordinary skill in the art at the time of the invention was made to modify the liner of Warp with the liner that has harder ridges and a base that is sufficiently soft and non-skid with a high coefficient of friction as taught by Miles et al. in order to have the liner that has a non-skid base to prevent the liner from slipping off from the supporting surface. Further, at the time of the invention, one of ordinary skill in the art would have been motivated to modify the ridges of Warp with the provision of ridges that are harder ridges as taught by Miles et al. to inhibit wear and tear during the use of the liner. Callas teach a plurality of ridges (16) extending from the bottom of a non-curling and non-skid base, see Figure 19. Callas also teach the hardness of the plastic bases on the property of A hardness properties, see column 1, lines 45-50, and column 3, lines 53-55. Considering the disclosure of Warp and the teaching of Miles et al. and Callas, taken as a whole, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to provide the modified base of Warp with the provision of a base that is non-curling and have ridges on the bottom as taught by Callas in order to have the base that does not curl or crack because the base is designed base on the chosen of a specific A hardness property to manufacture the base therefrom. With respect to

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claims 8, 9, 10, and 12, it would have been an obvious matter of engineering design choice at the time of the invention was made to choose the type plastics and the degree of hardness of the plastic for a particular application because it is well-within the level of skill in the art to utilize the various of the well-know per se and readily available type of plastics that yield the desire softness and hardness for the known features of it properties of the art for the purpose for which they are known thus producing no new matters.

Response to Arguments

Applicant's arguments with respect to claims 1-12 have been considered but are moot in view of the new ground(s) of rejection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khoa Tran whose telephone number is (703) 306-3437. The examiner can normally be reached on Monday through Thursday from 8:30 A.M. to 7:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel P. Stodola, can be reached on (703) 308-2686. The fax phone number for this Group is (703) 305-3597 or (703) 305-3598.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-2168.

If the applicant is submitted by facsimile transmission, applicant is hereby reminded that the original should be retained as evidence of authenticity (37 CFR 1.4 and M.P.E.P. 502.02). In general, most responses and/or amendments not requiring a fee, as well as those requiring a fee

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but charging such fee to a deposit account, can be submitted by facsimile transmission. Responses requiring a fee which applicant is paying by check **should not be** submitting by facsimile transmission separately from the check. Responses submitted by facsimile transmission should include a Certificate of Transmission (M.P.E.P 512). The following is an example of the format the certification might take:

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office (Fax No. _____) on _____
(Date)

Type or printed name of person signing this certificate:

(Signature)

Furthermore, please do not separately mail the original or another copy unless required by the Patent and Trademark Office. Submission of the original response or a follow-up copy of the response after your response has been transmitted by facsimile will only cause further unnecessary delays in the processing of your application; duplicate responses where fees are charged to a deposit account may result in those fees being charged twice.

Khoa Tran

May 21, 2002



DANIEL P. STODOLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600